

03/16/01



J1032 U.S. PTO

Please type a plus sign (+) inside this box: ☐

Approved for use through 10/31/2002 OMB 0651-0032  
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (11-00)

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. T4025.0022/P022  
 First Inventor Yuki Arai  
 Title COMPUTER SYSTEM, etc.  
 Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
 (Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
 See 37 CFR 1.27.
3. ☒ Specification [Total Pages 20]  
 (preferred arrangement set forth below)  
 • Descriptive title of the invention  
 • Cross Reference to Related Applications  
 • Statement Regarding Fed sponsored R & D  
 • Reference to sequence listing, a table,  
 or a computer program listing appendix  
 • Background of the invention  
 • Brief Summary of the invention  
 • Brief Description of the Drawings (if filed)  
 • Detailed Description  
 • Claims  
 • Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]  
 5. Oath or Declaration [Total Pages ]  
 a. ☐ Newly executed (original or copy)  
 b. ☐ Copy from a prior application (37 CFR 1.63(d))  
 (for continuations/divisional with Box 18 completed)  
 i. ☐ DELETION OF INVENTOR(S)  
 Signed statement attached deleting  
 inventor(s) named in the prior application,  
 see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Box Patent Application  
 Commissioner for Patents  
 Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
 Computer Program (Appendix)  
 8. Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)  
 a. ☐ Computer Readable Form (CRF)  
 b. Specification Sequence Listing on:  
 i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper  
 c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))  
 10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
 (when there is an assignee)  
 11. ☐ English Translation Document (if applicable)  
 12. ☐ Information Disclosure Statement (IDS)PTO-1449 ☐ Copies of IDS Citations  
 13. ☐ Preliminary Amendment  
 14. ☒ Return Receipt Postcard (MPEP 503)  
 (Should be specifically itemized)  
 15. ☐ Certified Copy of Priority Document(s)  
 (if foreign priority is claimed)  
 16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).  
 Applicant must attach form PTO/SB/35 or its equivalent.  
 17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5a, is considered part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
 Mark J. Thronson  
 Address 2101 L Street NW  
 City Washington State DC Zip Code 20037-1526  
 Country Telephone (202) 785-9700 Fax (202) 887-0689

Name (Print/Type) Mark J. Thronson Registration No. (Attorney/Agent) 33,082  
 Signature [Signature] Date March 16, 2001

<b>FEE TRANSMITTAL for FY 2001</b>		<b>Complete if Known</b>	
<i>Patent fees are subject to annual revision.</i>		Application Number	Not Yet Assigned
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 710.00		Filing Date	March 16, 2001
		First Named Inventor	Yuki Arai
		Examiner Name	Not Yet Assigned
		Group Art Unit	N/A
		Attorney Docket No.	T4025.0022/P022

  

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																					
<p><b>1.</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: <b>04-1073</b></p> <p>Deposit Account Name: <b>Dickstein Shapiro Morin &amp; Oshinsky LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p><b>2.</b> <input checked="" type="checkbox"/> Payment Enclosed</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>900</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(a)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b> (\$) 710.00</td> <td style="text-align: right;"><b>SUBTOTAL (3)</b> (\$) _____</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">2. EXTRA CLAIM FEES</th> <th colspan="2" style="text-align: center; padding: 5px;">Extra Claims</th> <th colspan="2" style="text-align: center; padding: 5px;">Fee from below</th> <th colspan="2" style="text-align: center; padding: 5px;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>4</td> <td>-20** =</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>=</td> <td>0.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>-3** =</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>=</td> <td>0.00</td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td>=</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (2)</b> (\$) _____</td> <td colspan="3"></td> </tr> </tbody> </table> <p>** or number previously paid, if greater. For Reissues, see above</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">SUBMITTED BY</th> <th colspan="2" style="text-align: center; padding: 5px;">Complete (if applicable)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Name (print/type)</td> <td style="padding: 5px;">Mark J. Thronson</td> <td style="padding: 5px;">Registration No. (Attorney/Agent)</td> <td style="padding: 5px;">33,082</td> </tr> <tr> <td style="padding: 5px;">Signature</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Telephone</td> <td style="padding: 5px;">(202) 775-4742</td> </tr> <tr> <td colspan="2"></td> <td style="padding: 5px;">Date</td> <td style="padding: 5px;">March 16, 2001</td> </tr> </tbody> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	900	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(a)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For each additional invention to be examined (37CFR 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						<b>SUBTOTAL (1)</b> (\$) 710.00				<b>SUBTOTAL (3)</b> (\$) _____		2. EXTRA CLAIM FEES		Extra Claims		Fee from below		Fee Paid		Total Claims	4	-20** =	<input checked="" type="checkbox"/>		=	0.00		Independent Claims	2	-3** =	<input checked="" type="checkbox"/>		=	0.00		Multiple Dependent					=			Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim, if not paid	109	80	209	40	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b> (\$) _____					SUBMITTED BY		Complete (if applicable)		Name (print/type)	Mark J. Thronson	Registration No. (Attorney/Agent)	33,082	Signature		Telephone	(202) 775-4742			Date	March 16, 2001
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																	
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																			
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																		
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																		
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																		
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																																		
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																		
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																		
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																		
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																																																																																																		
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																																																																																																		
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																																																																																																																		
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																																																																																																																		
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																																		
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																		
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																																		
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																		
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																		
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																																																																																																																																		
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																		
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																																																		
144	900	244	300	Plant issue fee																																																																																																																																																																																																																																																																																		
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																		
123	50	123	50	Processing fee under 37 CFR 1.17(a)																																																																																																																																																																																																																																																																																		
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																		
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																		
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																		
149	710	249	355	For each additional invention to be examined (37CFR 1.129(b))																																																																																																																																																																																																																																																																																		
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																		
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																																																																																																																																																						
<b>SUBTOTAL (1)</b> (\$) 710.00				<b>SUBTOTAL (3)</b> (\$) _____																																																																																																																																																																																																																																																																																		
2. EXTRA CLAIM FEES		Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																																																																																																																
Total Claims	4	-20** =	<input checked="" type="checkbox"/>		=	0.00																																																																																																																																																																																																																																																																																
Independent Claims	2	-3** =	<input checked="" type="checkbox"/>		=	0.00																																																																																																																																																																																																																																																																																
Multiple Dependent					=																																																																																																																																																																																																																																																																																	
Large Entity		Small Entity		Fee Description																																																																																																																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																			
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																		
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																																																		
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																		
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																		
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																		
<b>SUBTOTAL (2)</b> (\$) _____																																																																																																																																																																																																																																																																																						
SUBMITTED BY		Complete (if applicable)																																																																																																																																																																																																																																																																																				
Name (print/type)	Mark J. Thronson	Registration No. (Attorney/Agent)	33,082																																																																																																																																																																																																																																																																																			
Signature		Telephone	(202) 775-4742																																																																																																																																																																																																																																																																																			
		Date	March 16, 2001																																																																																																																																																																																																																																																																																			